

0570
12/9

#2

OIPE

P.S

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/991,157DATE: 12/03/2001
TIME: 11:01:41

ENTERED

Input Set : A:\Seq_Listing_for_P2730P1C51.wpd
Output Set: N:\CRF3\11212001\I991157.raw

3 <110> APPLICANT: Ashkenazi, Avi J.
4 Baker, Kevin P.
5 Botstein, David
6 Desnoyers, Luc
7 Eaton, Dan L.
8 Ferrara, Napoleone
9 Fong, Sherman
10 Gerber, Hanspeter
11 Gerritsen, Mary E.
12 Goddard, Audrey
13 Godowski, Paul J.
14 Grimaldi, J. Christopher
15 Gurney, Austin L.
16 Kljavin, Ivar J.
17 Napier, Mary A.
18 Pan, James
19 Paoni, Nicholas F.
20 Roy, Margaret Ann
21 Stewart, Timothy A.
22 Tumas, Daniel
23 Watanabe, Colin K.
24 Williams, P. Mickey
25 Wood, William I.
26 Zhang, Zemin
28 <120> TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
29 Acids Encoding the Same
31 <130> FILE REFERENCE: P2730P1C51
C--> 33 <140> CURRENT APPLICATION NUMBER: US/09/991,157
C--> 33 <141> CURRENT FILING DATE: 2001-11-16
33 <150> PRIOR APPLICATION NUMBER: 60/049787
34 <151> PRIOR FILING DATE: 1997-06-16
36 <150> PRIOR APPLICATION NUMBER: 60/062250
37 <151> PRIOR FILING DATE: 1997-10-17
39 <150> PRIOR APPLICATION NUMBER: 60/065186
40 <151> PRIOR FILING DATE: 1997-11-12
42 <150> PRIOR APPLICATION NUMBER: 60/065311
43 <151> PRIOR FILING DATE: 1997-11-13
45 <150> PRIOR APPLICATION NUMBER: 60/066770
46 <151> PRIOR FILING DATE: 1997-11-24
48 <150> PRIOR APPLICATION NUMBER: 60/075945
49 <151> PRIOR FILING DATE: 1998-02-25
51 <150> PRIOR APPLICATION NUMBER: 60/078910
52 <151> PRIOR FILING DATE: 1998-03-20
54 <150> PRIOR APPLICATION NUMBER: 60/083322
55 <151> PRIOR FILING DATE: 1998-04-28
57 <150> PRIOR APPLICATION NUMBER: 60/084600
58 <151> PRIOR FILING DATE: 1998-05-07

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/991,157

DATE: 12/03/2001
TIME: 11:01:41

Input Set : A:\Seq_Listing_for_P2730PlC51.wpd
Output Set: N:\CRF3\11212001\I991157.raw

60 <150> PRIOR APPLICATION NUMBER: 60/087106
61 <151> PRIOR FILING DATE: 1998-05-28
63 <150> PRIOR APPLICATION NUMBER: 60/087607
64 <151> PRIOR FILING DATE: 1998-06-02
66 <150> PRIOR APPLICATION NUMBER: 60/087609
67 <151> PRIOR FILING DATE: 1998-06-02
69 <150> PRIOR APPLICATION NUMBER: 60/087759
70 <151> PRIOR FILING DATE: 1998-06-02
72 <150> PRIOR APPLICATION NUMBER: 60/087827
73 <151> PRIOR FILING DATE: 1998-06-03
75 <150> PRIOR APPLICATION NUMBER: 60/088021
76 <151> PRIOR FILING DATE: 1998-06-04
78 <150> PRIOR APPLICATION NUMBER: 60/088025
79 <151> PRIOR FILING DATE: 1998-06-04
81 <150> PRIOR APPLICATION NUMBER: 60/088026
82 <151> PRIOR FILING DATE: 1998-06-04
84 <150> PRIOR APPLICATION NUMBER: 60/088028
85 <151> PRIOR FILING DATE: 1998-06-04
87 <150> PRIOR APPLICATION NUMBER: 60/088029
88 <151> PRIOR FILING DATE: 1998-06-04
90 <150> PRIOR APPLICATION NUMBER: 60/088030
91 <151> PRIOR FILING DATE: 1998-06-04
93 <150> PRIOR APPLICATION NUMBER: 60/088033
94 <151> PRIOR FILING DATE: 1998-06-04
96 <150> PRIOR APPLICATION NUMBER: 60/088326
97 <151> PRIOR FILING DATE: 1998-06-04
99 <150> PRIOR APPLICATION NUMBER: 60/088167
100 <151> PRIOR FILING DATE: 1998-06-05
102 <150> PRIOR APPLICATION NUMBER: 60/088202
103 <151> PRIOR FILING DATE: 1998-06-05
105 <150> PRIOR APPLICATION NUMBER: 60/088212
106 <151> PRIOR FILING DATE: 1998-06-05
108 <150> PRIOR APPLICATION NUMBER: 60/088217
109 <151> PRIOR FILING DATE: 1998-06-05
111 <150> PRIOR APPLICATION NUMBER: 60/088655
112 <151> PRIOR FILING DATE: 1998-06-09
114 <150> PRIOR APPLICATION NUMBER: 60/088734
115 <151> PRIOR FILING DATE: 1998-06-10
117 <150> PRIOR APPLICATION NUMBER: 60/088738
118 <151> PRIOR FILING DATE: 1998-06-10
120 <150> PRIOR APPLICATION NUMBER: 60/088742
121 <151> PRIOR FILING DATE: 1998-06-10
123 <150> PRIOR APPLICATION NUMBER: 60/088810
124 <151> PRIOR FILING DATE: 1998-06-10
126 <150> PRIOR APPLICATION NUMBER: 60/088824
127 <151> PRIOR FILING DATE: 1998-06-10
129 <150> PRIOR APPLICATION NUMBER: 60/088826
130 <151> PRIOR FILING DATE: 1998-06-10
132 <150> PRIOR APPLICATION NUMBER: 60/088858

12/3/01

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/991,157

DATE: 12/03/2001
TIME: 11:01:41

Input Set : A:\Seq_Listing_for_P2730PlC51.wpd
Output Set: N:\CRF3\11212001\I991157.raw

133 <151> PRIOR FILING DATE: 1998-06-11
135 <150> PRIOR APPLICATION NUMBER: 60/088861
136 <151> PRIOR FILING DATE: 1998-06-11
138 <150> PRIOR APPLICATION NUMBER: 60/088876
139 <151> PRIOR FILING DATE: 1998-06-11
141 <150> PRIOR APPLICATION NUMBER: 60/089105
142 <151> PRIOR FILING DATE: 1998-06-12
144 <150> PRIOR APPLICATION NUMBER: 60/089440
145 <151> PRIOR FILING DATE: 1998-06-16
147 <150> PRIOR APPLICATION NUMBER: 60/089512
148 <151> PRIOR FILING DATE: 1998-06-16
150 <150> PRIOR APPLICATION NUMBER: 60/089514
151 <151> PRIOR FILING DATE: 1998-06-16
153 <150> PRIOR APPLICATION NUMBER: 60/089532
154 <151> PRIOR FILING DATE: 1998-06-17
156 <150> PRIOR APPLICATION NUMBER: 60/089538
157 <151> PRIOR FILING DATE: 1998-06-17
159 <150> PRIOR APPLICATION NUMBER: 60/089598
160 <151> PRIOR FILING DATE: 1998-06-17
162 <150> PRIOR APPLICATION NUMBER: 60/089599
163 <151> PRIOR FILING DATE: 1998-06-17
165 <150> PRIOR APPLICATION NUMBER: 60/089600
166 <151> PRIOR FILING DATE: 1998-06-17
168 <150> PRIOR APPLICATION NUMBER: 60/089653
169 <151> PRIOR FILING DATE: 1998-06-17
171 <150> PRIOR APPLICATION NUMBER: 60/089801
172 <151> PRIOR FILING DATE: 1998-06-18
174 <150> PRIOR APPLICATION NUMBER: 60/089907
175 <151> PRIOR FILING DATE: 1998-06-18
177 <150> PRIOR APPLICATION NUMBER: 60/089908
178 <151> PRIOR FILING DATE: 1998-06-18
180 <150> PRIOR APPLICATION NUMBER: 60/089947
181 <151> PRIOR FILING DATE: 1998-06-19
183 <150> PRIOR APPLICATION NUMBER: 60/089948
184 <151> PRIOR FILING DATE: 1998-06-19
186 <150> PRIOR APPLICATION NUMBER: 60/089952
187 <151> PRIOR FILING DATE: 1998-06-19
189 <150> PRIOR APPLICATION NUMBER: 60/090246
190 <151> PRIOR FILING DATE: 1998-06-22
192 <150> PRIOR APPLICATION NUMBER: 60/090252
193 <151> PRIOR FILING DATE: 1998-06-22
195 <150> PRIOR APPLICATION NUMBER: 60/090254
196 <151> PRIOR FILING DATE: 1998-06-22
198 <150> PRIOR APPLICATION NUMBER: 60/090349
199 <151> PRIOR FILING DATE: 1998-06-23
201 <150> PRIOR APPLICATION NUMBER: 60/090355
202 <151> PRIOR FILING DATE: 1998-06-23
204 <150> PRIOR APPLICATION NUMBER: 60/090429
205 <151> PRIOR FILING DATE: 1998-06-24

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/991,157

DATE: 12/03/2001
TIME: 11:01:41

Input Set : A:\Seq_Listing_for_P2730PlC51.wpd
Output Set: N:\CRF3\11212001\I991157.raw

207 <150> PRIOR APPLICATION NUMBER: 60/090431
208 <151> PRIOR FILING DATE: 1998-06-24
210 <150> PRIOR APPLICATION NUMBER: 60/090435
211 <151> PRIOR FILING DATE: 1998-06-24
213 <150> PRIOR APPLICATION NUMBER: 60/090444
214 <151> PRIOR FILING DATE: 1998-06-24
216 <150> PRIOR APPLICATION NUMBER: 60/090445
217 <151> PRIOR FILING DATE: 1998-06-24
219 <150> PRIOR APPLICATION NUMBER: 60/090472
220 <151> PRIOR FILING DATE: 1998-06-24
222 <150> PRIOR APPLICATION NUMBER: 60/090535
223 <151> PRIOR FILING DATE: 1998-06-24
225 <150> PRIOR APPLICATION NUMBER: 60/090540
226 <151> PRIOR FILING DATE: 1998-06-24
228 <150> PRIOR APPLICATION NUMBER: 60/090542
229 <151> PRIOR FILING DATE: 1998-06-24
231 <150> PRIOR APPLICATION NUMBER: 60/090557
232 <151> PRIOR FILING DATE: 1998-06-24
234 <150> PRIOR APPLICATION NUMBER: 60/090676
235 <151> PRIOR FILING DATE: 1998-06-25
237 <150> PRIOR APPLICATION NUMBER: 60/090678
238 <151> PRIOR FILING DATE: 1998-06-25
240 <150> PRIOR APPLICATION NUMBER: 60/090690
241 <151> PRIOR FILING DATE: 1998-06-25
243 <150> PRIOR APPLICATION NUMBER: 60/090694
244 <151> PRIOR FILING DATE: 1998-06-25
246 <150> PRIOR APPLICATION NUMBER: 60/090695
247 <151> PRIOR FILING DATE: 1998-06-25
249 <150> PRIOR APPLICATION NUMBER: 60/090696
250 <151> PRIOR FILING DATE: 1998-06-25
252 <150> PRIOR APPLICATION NUMBER: 60/090862
253 <151> PRIOR FILING DATE: 1998-06-26
255 <150> PRIOR APPLICATION NUMBER: 60/090863
256 <151> PRIOR FILING DATE: 1998-06-26
258 <150> PRIOR APPLICATION NUMBER: 60/091360
259 <151> PRIOR FILING DATE: 1998-07-01
261 <150> PRIOR APPLICATION NUMBER: 60/091478
262 <151> PRIOR FILING DATE: 1998-07-02
264 <150> PRIOR APPLICATION NUMBER: 60/091544
265 <151> PRIOR FILING DATE: 1998-07-01
267 <150> PRIOR APPLICATION NUMBER: 60/091519
268 <151> PRIOR FILING DATE: 1998-07-02
270 <150> PRIOR APPLICATION NUMBER: 60/091626
271 <151> PRIOR FILING DATE: 1998-07-02
273 <150> PRIOR APPLICATION NUMBER: 60/091633
274 <151> PRIOR FILING DATE: 1998-07-02
276 <150> PRIOR APPLICATION NUMBER: 60/091978
277 <151> PRIOR FILING DATE: 1998-07-07
279 <150> PRIOR APPLICATION NUMBER: 60/091982

12/3/01

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/991,157

DATE: 12/03/2001
TIME: 11:01:41

Input Set : A:\Seq_Listing_for_P2730P1C51.wpd
Output Set: N:\CRF3\11212001\I991157.raw

280 <151> PRIOR FILING DATE: 1998-07-07
282 <150> PRIOR APPLICATION NUMBER: 60/092182
283 <151> PRIOR FILING DATE: 1998-07-09
285 <150> PRIOR APPLICATION NUMBER: 60/092472
286 <151> PRIOR FILING DATE: 1998-07-10
288 <150> PRIOR APPLICATION NUMBER: 60/091628
289 <151> PRIOR FILING DATE: 1998-07-02
291 <150> PRIOR APPLICATION NUMBER: 60/091646
292 <151> PRIOR FILING DATE: 1998-07-02
294 <150> PRIOR APPLICATION NUMBER: 60/091673
295 <151> PRIOR FILING DATE: 1998-07-02
297 <150> PRIOR APPLICATION NUMBER: 60/093339
298 <151> PRIOR FILING DATE: 1998-07-20
300 <150> PRIOR APPLICATION NUMBER: 60/094651
301 <151> PRIOR FILING DATE: 1998-07-30
303 <150> PRIOR APPLICATION NUMBER: 60/095282
304 <151> PRIOR FILING DATE: 1998-08-04
306 <150> PRIOR APPLICATION NUMBER: 60/095285
307 <151> PRIOR FILING DATE: 1998-08-04
309 <150> PRIOR APPLICATION NUMBER: 60/095302
310 <151> PRIOR FILING DATE: 1998-08-04
312 <150> PRIOR APPLICATION NUMBER: 60/095318
313 <151> PRIOR FILING DATE: 1998-08-04
315 <150> PRIOR APPLICATION NUMBER: 60/095321
316 <151> PRIOR FILING DATE: 1998-08-04
318 <150> PRIOR APPLICATION NUMBER: 60/095301
319 <151> PRIOR FILING DATE: 1998-08-04
321 <150> PRIOR APPLICATION NUMBER: 60/095325
322 <151> PRIOR FILING DATE: 1998-08-04
324 <150> PRIOR APPLICATION NUMBER: 60/095916
325 <151> PRIOR FILING DATE: 1998-08-10
327 <150> PRIOR APPLICATION NUMBER: 60/095929
328 <151> PRIOR FILING DATE: 1998-08-10
330 <150> PRIOR APPLICATION NUMBER: 60/096012
331 <151> PRIOR FILING DATE: 1998-08-10
333 <150> PRIOR APPLICATION NUMBER: 60/096143
334 <151> PRIOR FILING DATE: 1998-08-11
336 <150> PRIOR APPLICATION NUMBER: 60/096146
337 <151> PRIOR FILING DATE: 1998-08-11
339 <150> PRIOR APPLICATION NUMBER: 60/096329
340 <151> PRIOR FILING DATE: 1998-08-12
342 <150> PRIOR APPLICATION NUMBER: 60/096757
343 <151> PRIOR FILING DATE: 1998-08-17
345 <150> PRIOR APPLICATION NUMBER: 60/096766
346 <151> PRIOR FILING DATE: 1998-08-17
348 <150> PRIOR APPLICATION NUMBER: 60/096768
349 <151> PRIOR FILING DATE: 1998-08-17
351 <150> PRIOR APPLICATION NUMBER: 60/096773
352 <151> PRIOR FILING DATE: 1998-08-17

→
Use of n and / or Xaa has been detected in the
Sequence Listing. Review the Sequence Listing
to ensure a corresponding explanation is present
in the <220> to <223> fields of each sequence
using n or Xaa.

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/991,157DATE: 12/03/2001
TIME: 11:01:42Input Set : A:\Seq_Listing_for_P2730P1C51.wpd
Output Set: N:\CRF3\11212001\I991157.raw

L:33 M:270 C: Current Application Number differs, Replaced Current Application No
L:33 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:1875 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:1893 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:2927 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42
L:2931 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42
L:2933 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42
L:3112 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:47
L:3117 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:47
L:3122 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:47
L:4455 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:68
L:4461 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:68
L:4740 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74
L:4746 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74
L:4771 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75
L:4773 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75
L:4775 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75
L:4777 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75
L:4781 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75
L:4783 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75
L:4800 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:76
L:4831 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77
L:4835 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77
L:5850 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:105
L:5854 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:105
L:5856 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:105
L:5858 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:105
L:5866 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:105
L:5868 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:105
L:5881 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:106
L:5883 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:106
L:5885 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:106
L:5889 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:106
L:5893 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:106
L:5895 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:106
L:5897 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:107
L:5914 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:107
L:5916 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:107
L:5920 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:107
L:5922 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:107
L:5924 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:107
L:5926 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:108
L:5939 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:108
L:5941 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:108
L:5943 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:108
L:5955 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:108
L:5959 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:108
L:7597 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:136

12/3/01

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/991,157

DATE: 12/03/2001
TIME: 11:01:42

Input Set : A:\Seq_Listing_for_P2730P1C51.wpd
Output Set: N:\CRF3\11212001\I991157.raw

L:7599 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:136
L:7601 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:136
L:7605 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:136
L:7823 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:139
L:7850 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:140
L:7856 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:140
L:8139 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:149
L:8342 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:153
L:8347 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:153
L:8352 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:153
L:10323 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:183
L:10328 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:183
L:10333 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:183
L:10338 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:183
L:10343 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:183
L:13416 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:236
L:13421 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:236
L:13426 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:236
L:18861 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:342
L:18864 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:342